



**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No. : 10/670,744 Confirmation No. : 2746  
Applicant : SATORU KOBAYASHI, et al.  
Filed : September 26, 2003  
TC/A.U. : 1621  
Examiner : Not assigned  
Docket No. : 038788.52799US  
Customer No. : 23911  
Title : FLUORINE-CONTAINING ALLYL ETHER  
COMPOUNDS, THEIR COPOLYMERS, AND RESIST  
COMPOSITIONS AND ANTI-REFLECTION FILE  
MATERIAL USING SUCH COMPOLYMERS

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR §§ 1.97 and 1.98**

Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 CFR §1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the document which is listed on the attached Form PTO-1449 and/or listed herein and which the Examiner may deem relevant to patentability of the claims of the above-identified application.

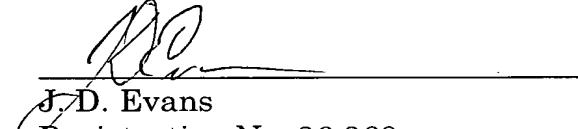
The relevance of this reference to the subject matter of the present invention is given in the Background of the Invention in the specification of the present invention.

The present Information Disclosure Statement is being filed before the mailing date of the first Office Action on the merits, and therefore no certification under 37 C.F.R. §1.97(e) or fee under 37 C.F.R. §1.17(p) is required.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

Respectfully submitted,

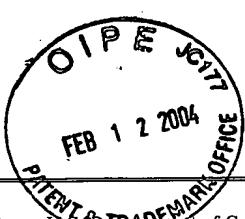
February 12, 2004



J.D. Evans  
Registration No. 26,269

CROWELL & MORING, LLP  
Intellectual Property Group  
P.O. Box 14300  
Washington, DC 20044-4300  
Telephone No.: (202) 624-2500  
Facsimile No.: (202) 628-8844

JDE/ajf



FORM PTO-1449 U.S. Department of Commerce Patent & Trademark Office  <b>INFORMATION DISCLOSURE STATEMENT</b> <i>(Use several sheets if necessary)</i>	Attorney Docket No. 038788.52799US	Serial No. 10/670,744
	Applicant: Satoru KOBAYASHI, et al.	
	Filing Date: September 26, 2003	Group:

U.S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	Sub-Class	Filing Date (if appropriate)
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						

## FOREIGN PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Country	Class	Sub-Class	TRANSLATION	
							Yes	No
	AK							
	AL							
	AM							
	AN							
	AO							
	AP							

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	AQ	Kamon, et al., "Newly Developed Acrylic Copolymers for ArF Photoresist", <i>Journal of Photopolymer Science and Technology</i> , Vol. 15, No. 4 (2002), pp. 535-540
	AR	
	AS	

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.	